

**new** Center Cut Panels for Recessed Downlighting



Optima® 48" x 48" Center Cut Panels

Now, get the look of timeless drywall ceilings in a suspended ceiling system. Pre-cut ceiling panels are designed to seamlessly integrate with trimless downlights.

**KEY SELECTION ATTRIBUTES**

- Calla®, Lyra® PB, Ultima® and Optima® PB 9/16" square and tegular
- Monolithic look with crisp, integrated lighting
- Pre-cut downlight opening available for BeveLED Mini or BeveLED 2.2 square or round lights
- Fast, easy installation
- No on-site panel cuts needed
- Seismic-tested
- 10-year limited warranty

**TYPICAL APPLICATIONS**

- Open and closed offices
- Lobbies
- Training rooms
- Corridors
- Conference rooms

Lighting Partner:

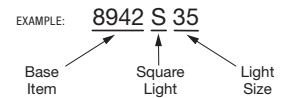


Follow the below two (2) steps when specifying Center Cut Panels:

**1. Choose your Center Cut Ceiling Panel**

To specify the correct center cut tile for your system:

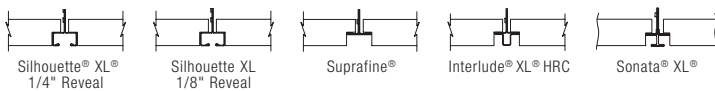
1. Choose the appropriate 4-digit number below to indicate product visual and size.
2. Choose if you are using a circle or square light by adding C or S to the item number.
3. Choose the size of the light you are using BeveLED Mini or BeveLED 2.2 by adding 35 or 5 to the item number.



Example: Lyra® 9/16" square tegular 30" x 30" panel with a 3-1/2" square downlight would be labeled 8942S35

Visual	Size	Edge Detail	Corresponding Standard Panel Item #	Base Center Cut Item #	Shape of Light C - Circle / S - Square	Light Fixture Type 35 - BeveLED Mini / 5 - BeveLED 2.2
Calla®	24 x 24 x 1"	9/16" square tegular	2824	8935__	S or C	35 or 5
Ultima®	24 x 24 x 7/8"	9/16" beveled tegular	1912	8936__	S or C	35 or 5
	30 x 30 x 7/8"	9/16" beveled tegular	1905	8937__	S or C	35 or 5
Ultima High NRC	24 x 24 x 7/8"	9/16" beveled tegular	1942	8938__	S or C	35 or 5
	30 x 30 x 7/8"	9/16" beveled tegular	1431	8939__	S or C	35 or 5
Lyra PB	24 x 24 x 1"	9/16" square tegular	8361PB	8941__	S or C	35 or 5
	30 x 30 x 1"	9/16" square tegular	8359PB	8942__	S or C	35 or 5
	48 x 48 x 1"	9/16" square tegular	8356PB	8943__	S or C	35 or 5
Optima PB	24 x 24 x 1"	9/16" square tegular	3251PB	8944__	S or C	35 or 5
	30 x 30 x 1"	9/16" square tegular	3259PB	8946__	S or C	35 or 5
	48 x 48 x 1"	9/16" square tegular	3256PB	8949__	S or C	35 or 5

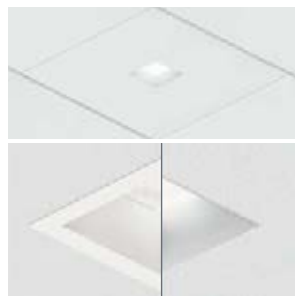
**2. Choose your 9/16" Suspension System** (Note: System uses standard main beams, cross tees and wall molding)



**BEVELED® 2.2 AND BEVELED MINI TRIMLESS ACOUSTICAL LIGHTING FOR USE WITH CENTER CUT CEILING PANEL**

For the first time – a sheetrock-looking solution for acoustical ceiling tiles. Perfectly centered fixtures, perfectly cut tiles – every time.

- The clean, minimal trimless appearance of sheetrock in acoustical tiles
- No cutting, no mess, no mistakes and less labor
- Proprietary tool-less mounting system
- Trimless tile housings perfectly self-center in pre-cut tiles
- NEC grid mount. No independent tie-in to structure required
- Seismically rated



Standard Trim for Acoustical Tile | Trimless Solution for Acoustical Tile

**LIGHTING FIXTURES PARTNER**

Trimless Acoustical Light Fixture Family From USAI Lighting Includes:

- BeveLED Mini Round
- BeveLED 2.2 Round
- BeveLED Mini Square
- BeveLED 2.2 Square



For more product information visit: [usailighting.com/trimlessacoustical](http://usailighting.com/trimlessacoustical)





# Center Cut Panels for Recessed Downlighting




**SUSTAIN<sup>®</sup>**  
High Performance  
Sustainable  
Ceiling Systems

## Coordinating Field Panels


### VISUAL SELECTION

Edge Profile    Item No.    Dimensions (Inches)

#### CALLA<sup>®</sup>

9/16" Square Tegular  **2824** 24 x 24 x 1"


#### LYRA<sup>®</sup> PB (Plant-based Binder)

9/16" Square Tegular   **8361PB** 24 x 24 x 1"

 **8359PB** 30 x 30 x 1"

 **8356PB** 48 x 48 x 1"

#### ULTIMA<sup>®</sup>

9/16" Beveled Tegular  **1912** 24 x 24 x 3/4"



**1905** 30 x 30 x 3/4"

#### ULTIMA High NRC

9/16" Beveled Tegular  **1942** 24 x 24 x 7/8"

**1431** 30 x 30 x 7/8"

#### OPTIMA<sup>®</sup> PB (Plant-based Binder)









9/16" Square Tegular   **3251PB** 24 x 24 x 1"

 **3259PB** 30 x 30 x 1"

 **3256PB** 48 x 48 x 1"

### PERFORMANCE SELECTION

Dots represent high level of performance.

Edge Profile	Item No.	Dimensions (Inches)	UL Classified Acoustics		Total Acoustics <sup>1</sup>	Articulation Class	Fire Performance	Light Reflect	Mold & Mildew Protection	Sag Resist	Certified Low VOC Emissions	Wash	Impact	Scratch	Soil	Recycled Content	Recycle Program	30-Yr Warranty	
			NRC	CAC															
CALLA <sup>®</sup>																			
9/16" Square Tegular	<b>2824</b>	24 x 24 x 1"	0.85	35	<b>BEST</b>	170	Class A	0.86											
			•	•				•											
LYRA <sup>®</sup> PB (Plant-based Binder)																			
9/16" Square Tegular	 <b>8361PB</b>	24 x 24 x 1"	0.95	N/A	–	190	Class A	0.88											
			•			•		•											
	 <b>8359PB</b>	30 x 30 x 1"	0.95	N/A	–	190	Class A	0.88											
			•			•		•											
	 <b>8356PB</b>	48 x 48 x 1"	0.95	N/A	–	190	Class A	0.88											
			•			•		•											
ULTIMA <sup>®</sup>																			
9/16" Beveled Tegular	<b>1912</b>	24 x 24 x 3/4"	0.75	35	<b>BETTER</b>	–	Class A	0.90											
			•	•				•											
	<b>1905</b>	30 x 30 x 3/4"	0.75	35	<b>BETTER</b>	–	Class A	0.90		Std									
			•	•				•											
ULTIMA High NRC																			
9/16" Beveled Tegular	<b>1942</b>	24 x 24 x 7/8"	0.80	35	<b>BEST</b>	170	Class A	0.87											
			•	•				•											
	<b>1431</b>	30 x 30 x 7/8"	0.75	35	<b>BETTER</b>	170	Class A	0.87											
			•	•				•											
OPTIMA <sup>®</sup> PB (Plant-based Binder)																			
9/16" Square Tegular	 <b>3251PB</b>	24 x 24 x 1"	0.95	N/A	–	190	Class A	0.90			–								
			•			•		•			•								
	 <b>3259PB</b>	30 x 30 x 1"	0.95	N/A	–	190	Class A	0.90			–								
			•			•		•			•								
	 <b>3256PB</b>	48 x 48 x 1"	0.95	N/A	–	190	Class A	0.90			–								
			•			•		•			•								

<sup>1</sup> Total Acoustics<sup>®</sup> ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.

**GOOD** (NRC 0.60-0.65; CAC 35+) **BETTER** (NRC 0.70-0.75; CAC 35+) **BEST** (NRC 0.80+; CAC 35+)

NOTE: Center cut panels are not certified acoustically



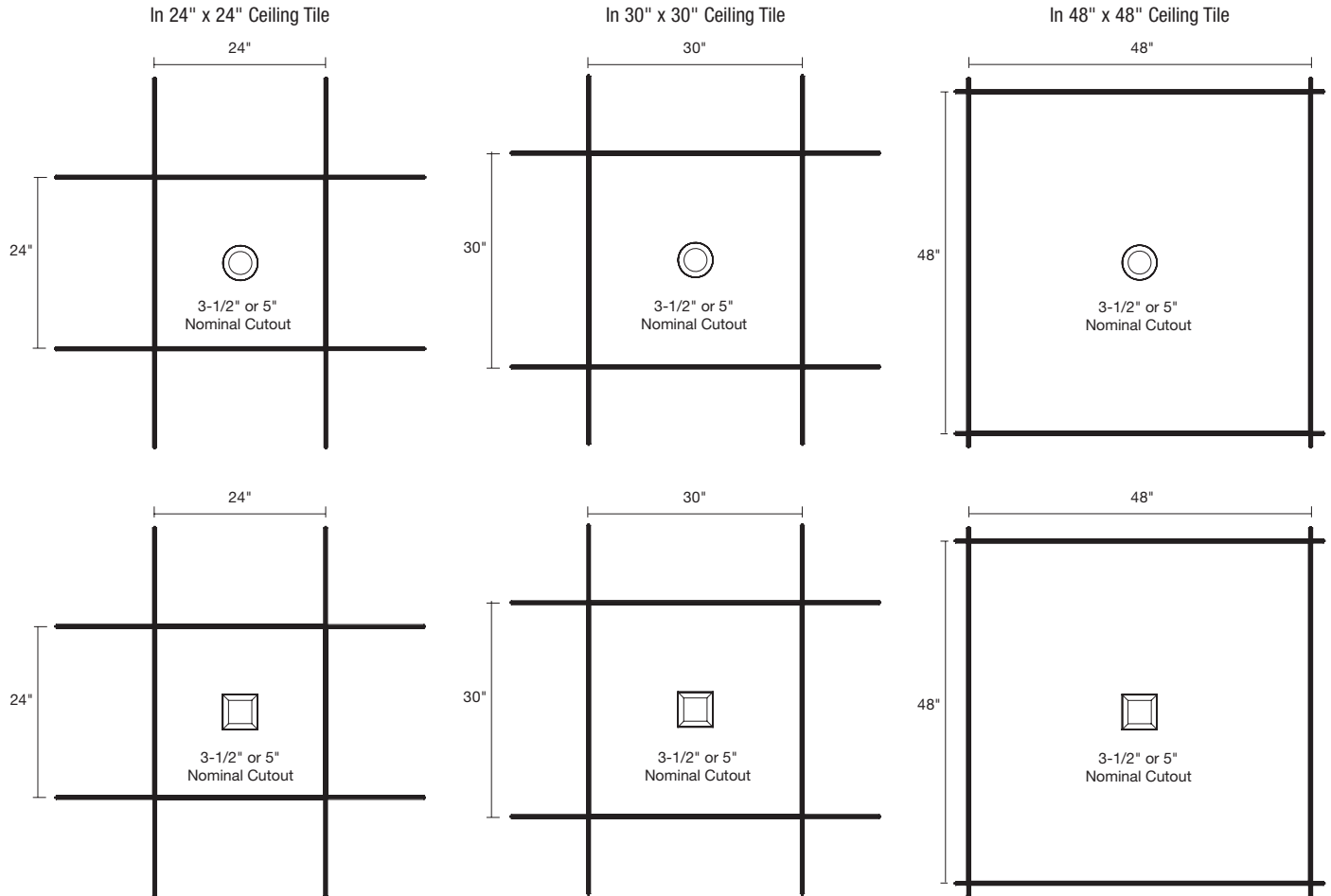
# Center Cut Panels for Recessed Downlighting



**SUSTAIN®**  
High Performance  
Sustainable  
Ceiling Systems

BeveLED® 2.2 Trimless Acoustical and BeveLED Mini Trimless Acoustical Square or Circle Downlight For Use With Pre-cut Ceiling Tiles

## BELOW CEILING APPEARANCE AND TRIM DIMENSIONS



## PHYSICAL DATA

### Material

Calla® and Ultima®: Wet-formed mineral fiber with acoustically transparent membrane  
Lyra® and Optima®: Fiberglass with acoustically transparent membrane

### Surface Finish

Calla and Lyra: Acoustically transparent membrane with factory-applied latex paint  
Ultima and Optima: DuraBrite® acoustically transparent scrim with factory-applied-latex paint

### Fire Performance

ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled).

### ASTM E1264 Classification

Calla and Ultima: Type IV, Form 2, Pattern E, Fire Class A  
Lyra and Optima: Type XII, Form 2, Pattern E, Fire Class A

### Humidity/Sag Resistance

HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

### Mold/Mildew Protection

Ceiling panels with BioBlock® performance resist the growth of mold and mildew.

### VOC Emissions

Third-party certified compliant with California Department of Public Health CDPH/EHLB/Standard Method Version 1.1, 2010. This standard is the guideline for low emissions in LEED. CalGreen Title 24, ANSI/ASHRAE/USGBC/IES Standard 189; ANSI/GBI Green Building Assessment Protocol.

### Design Considerations

Combining materials with different run dates may result in shade variations. Order attic stock for any anticipated future needs.

### Acoustical Performance

CAC testing conducted using Silhouette® suspension system for 9/16" edge detail.

### High Recycled Content

Classified as containing greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

### Insulation Value

Calla:  
R Factor – 2.9 (BTU units)  
R Factor – 0.445 (Watts units)  
Ultima:  
R Factor – 2.2 (BTU units)  
R Factor – 0.39 (Watts units)

Lyra:  
R Factor – 4.4 (BTU units)  
R Factor – 0.76 (Watts units)  
Optima:  
R Factor – 6.0 (BTU units)  
R Factor – 1.05 (Watts units)

### 30-Year Performance Guarantee & Warranty

When installed with Armstrong® Suspension System. Details at [armstrongceilings.com](http://armstrongceilings.com)

### Weight; Square Feet/ Carton

8935 – 0.99 lbs/SF; 40 SF/ctn	8942 – 0.42 lbs/SF; 75 SF/ctn
8936 – 0.99 lbs/SF; 48 SF/ctn	8943 – 0.42 lbs/SF; 96 SF/ctn
8937 – 0.99 lbs/SF; 37.5 SF/ctn	8944 – 0.43 lbs/SF; 48 SF/ctn
8938 – 1.11 lbs/SF; 40 SF/ctn	8946 – 0.44 lbs/SF; 75 SF/ctn
8939 – 1.11 lbs/SF; 37.5 SF/ctn	8949 – 0.44 lbs/SF; 96 SF/ctn
8941 – 0.41 lbs/SF; 48 SF/ctn	



TechLine / 1 877 276 7876  
[armstrongceilings.com/downlight](http://armstrongceilings.com/downlight)

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